

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hiroaki SHIMOKAWA

Group art Unit: not yet assigned

Serial No : 10/597,357
(National Stage of PCT/JP2005/001102)

Examiner: not yet assigned

I.A. Filed : January 27, 2005

For : THERAPEUTIC AGENT FOR VASOSPASM ACCOMPANYING
BYPASS OPERATION

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop _____
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and §§1.97-1.98, Applicants hereby direct the Examiner's attention to the following documents cited in the International Search Report of International Application No. PCT/JP2005/001102, filed January 27, 2005, of which the above-referenced application is the U.S. National Stage Application.

- 1) JP 61-227581 A, October 9, 1986, accompanied by an English language Abstract; Applicants note that this document is also discussed in the Specification, beginning at page 2, line 8;
- 2) JP 61-152658 A, July 11, 1986, accompanied by an English language Abstract; Applicants note that this document is also discussed in the Specification, beginning at page 2, line 8;

- 3) U.S. Patent No. 4,678,783 (Hidaka et al.), July 7, 1987; Applicants note that this document is a family member of documents (1) and (2); and
- 4) U.S. Patent Application No. 2003/162824 A1, (Krul), April 28, 2003.

Applicants further direct the Examiner's attention to the following documents cited in the specification of the present application:

- (5) JP-02-256617 A, October 17, 1990; accompanied by an English language Abstract; Applicants note that this document is discussed in the Specification, beginning at page 2, line 8;
- (6) JP-4-264030 A, September 18, 1992; accompanied by an English language abstract; Applicants note that this document is discussed in the Specification, beginning at page 2, line 8;
- (7) JP-6-056668 A; March 1, 1994; accompanied by an English language abstract; Applicants note that this document is discussed in the Specification, beginning at page 2, line 8;
- (8) U.S. Patent No. 5,747,507 (Ikegaki et al.), May 5, 1998, Applicants note that this document is a family member of document (7);
- (9) JP-6-080569, March 22, 1994; accompanied by an English language abstract; Applicants note that this document is discussed in the Specification, beginning at page 2, line 8;
- (10) WO 94/05290, March 17, 1994; accompanied by an English language abstract; Applicants note that this document is a family member of document (9);

- (11) WO 98/06433, A1, February 19, 1998, accompanied by an English language abstract; Applicants note that this document is discussed in the Specification, beginning at page 3, line 10;
- (12) EP 0956865 A1, November 17, 1999, Applicants note that this document is a family member of document (11);
- (13) WO 00/03746, A2, January 27, 2000, Applicants note that this document is discussed in the Specification, beginning at page 3, line 11;
- (14) T. Asano et al.; Br. J. Pharmacol., 1989, Vol. 98, pp. 1091-1100; Applicants note that this document is discussed in the Specification, beginning at page 2, line 9;
- (15) M. Shirotani et al.; J. Pharmacol. Exp. Ther., 1991, Vol. 259, No. 2; pp. 738-744; Applicants note that this document is discussed in the Specification, beginning at page 2, line 9;
- (16) N. Katsumata et al.; Circulation, 1997, Vol. 96, pp. 4357-4363; Applicants note that this document is discussed in the Specification, beginning at page 2, line 9; and
- (17) H. Shimokawa et al.; Cardiovascular Research, 1999, Vol. 43, pp. 1029-1039; Applicants note that this document is discussed in the Specification beginning at page 2, line 9.

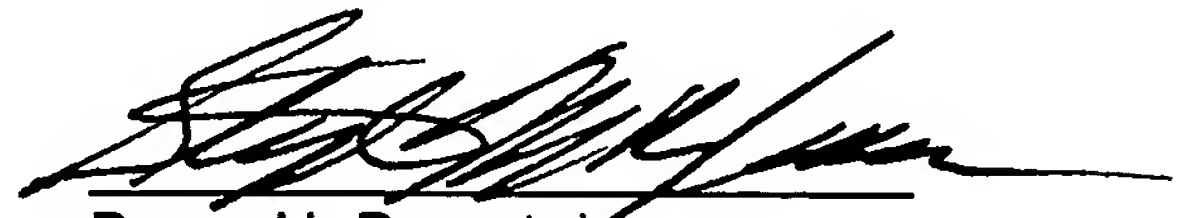
Applicants also direct the Examiner's attention to the following additional documents:

- (18) JP-6-340659 A, December 13, 1994, accompanied by an English language abstract;
- (19) M. Shibuya et al.; J. Neurosurg. 1992, Vol. 76, pp.571-577;
- (20) E. Tachibana et al.; Acta Neurochirurgica, 1999, Vol. 141, pp. 13-19;
- (21) Masumoto et al.; Circulation, 2002, Vol. 105, pp.1545-1547;
- (22) Otsuka et al.; Circulation Journal, 2004, Vol. 67, Suppl. I, p. 614, PJ-517;
- (23) E.B. Okon et al.; Ann. Thorac. Surg., 2004, Vol. 77, pp.108-115;
- (24) T.J.P. Batchelor et al.; British Journal of Pharmacology, 2001, Vol. 132, pp. 302-308;
- (25) JP-60-81168 A, May 9, 1985; accompanied by an English language abstract;
- (26) U.S. Patent No. 5,942,505 (Kawakubo et al.), August 24, 1999;
- (27) JP2002-128676 A, May 9, 2002; and
- (28) U.S. Patent Application No. 2004/0242565 (Toshima et al.), December 2, 2004.

Copies of the above-noted documents, except for the U.S. Patents and U.S. Patent Applications, are enclosed together with a duly completed Form PTO-1449. The Examiner is accordingly requested to consider each of these documents, and to make them of record in this application by initialing in the appropriate spaces on the Form PTO-1449. Applicants respectfully request that the Examiner include a copy of the initialed Form PTO-1449 with the next communication from the U.S. Patent and Trademark Office.

This Information Disclosure Statement is being filed prior to mailing of a first Office Action on the merits. Accordingly, no fees are required. However, if any fee is necessary for consideration of this disclosure statement, this is a request to charge any necessary fee to Deposit Account No. 19-0089.

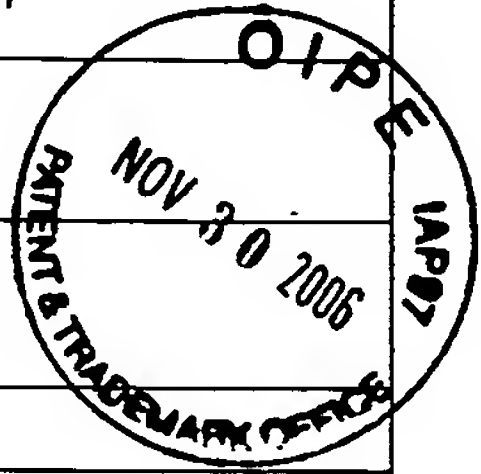
Respectfully submitted,
Hiroaki SHIMOKAWA


Bruce H. Bernstein
Reg. No. 29,027

Stephen M. Roylance
Reg. No. 31,296

November 30, 2006
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P30188Application No.
10/597,357INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)Applicant
Hiroaki SHIMOKAWAFiling Date
January 27, 2005Group
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4 6 7 8 7 8 3	07/07/87	HIDAKA et al.			
	2003	/ 1 6 2 8 2 4	04/28/03	KRUL			
		5 7 4 7 5 0 7	05/05/98	IKEGAKI et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	61	- 2 2 7 5 8 1	10/09/86	JAPAN			
	61	- 1 5 3 6 5 8	07/11/86	JAPAN			
	02	- 2 5 6 6 1 7	10/17/90	JAPAN			
	4	- 2 6 4 0 3 0	09/18/92	JAPAN			
	6	- 0 5 6 6 6 8	03/01/94	JAPAN			
	6	- 0 8 0 5 6 9	03/22/94	JAPAN			
	94	/ 0 5 2 9 0	03/17/94	W.I.P.O			
	98	/ 0 6 4 3 3	02/19/98	W.I.P.O			
		0 9 5 6 8 6 5	11/17/99	E.P.O			
	00	/ 0 3 7 4 6	01/27/00	W.I.P.O			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	English language Abstract of JP61-227581.
2	English language Abstract of JP 61-153658.
3	English language Abstract of JP 02-256617.
4	English language Abstract of JP 4-264030.
5	English language Abstract of JP 6-056668.
6	English language Abstract of JP 6-080569.
7	English language Abstract of WO 98/06433.
8	T. Asano et al.; Br. J. Pharmacol., 1989, Vol. 98, pp. 1091-1100.
9	M. Shirotani et al.; J. Pharmacol. Exp. Ther., 1991, Vol. 259, No. 2; pp. 738-744.
10	N. Katsumata et al.; Circulation, 1997, Vol. 96, pp. 4357-4363.
11	H. Shimokawa et al.; Cardiovascular Research, 1999, Vol. 43, pp. 1029-1039.
12	M. Shibuya et al.; J. Neurosurg. 1992, Vol. 76, pp.571-577.
13	E. Tachibana et al.; Acta Neurochirurgica; 1999, Vol. 141, pp. 13-19.
14	Masumoto et al.; Circulation, 2002, Vol. 105, pp.1545-1547.
15	Otsuka et al.; Circulation Journal, 2004, Vol. 67, Suppl. I, p. 614, PJ-517.
16	E.B. Okon et al.; Ann. Thorac. Surg., 2004, Vol. 77, pp.108-115.
17	T.J.P. Batchelor et al.; British Journal of Pharmacology, 2001, Vol. 132, pp. 302-308.

EXAMINER


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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Filing Date
January 27, 2005

Group
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5 9 4 2 5 0 5	08/24/99	KAWAKUBO et al.			
	22004	0 2 4 2 5 6 5	12/02/04	TOSHIMA et al.			

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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